

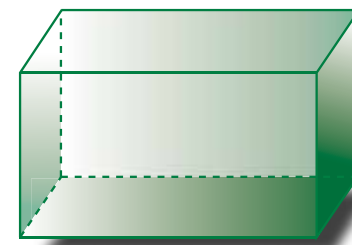
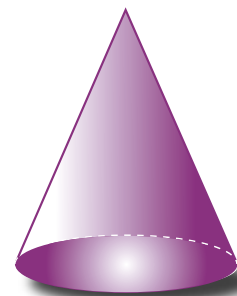
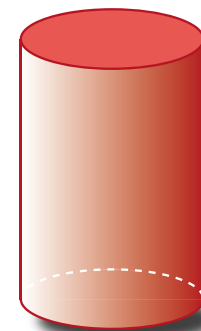
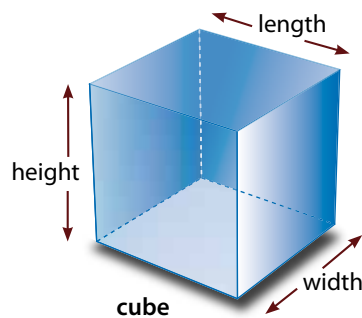
# Looking at Shapes

Look at this city. How many different shapes can you see? All the shapes that you can see are 3-D shapes.



# What Is a 3-D Shape?

A 3-D shape is a solid shape that has three **dimensions** (duh-MEN-shuhns). The dimensions are length, width, and height. Cubes, prisms, cones, and cylinders are examples of 3-D shapes.



cone

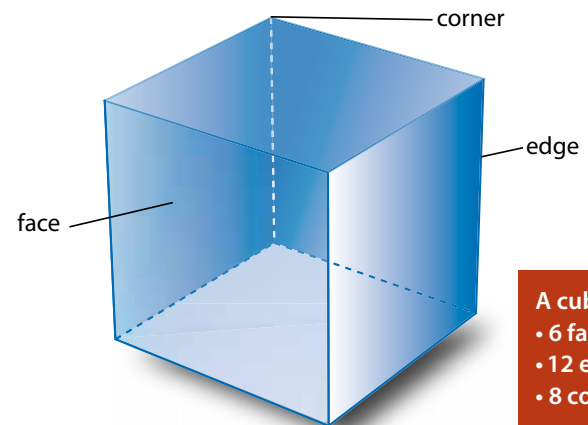
prism

# Counting Cubes

You probably see cube shapes every day. You might have a toy shaped like a cube. You might store your toys in a cube. Even some of your food might be cube-shaped!



Cubes have **faces**. All the faces are exactly the same. Each face is a square. The edges of a cube are where 2 faces meet. The corners are where 3 edges meet.



## LET'S EXPLORE MATH

This is a Rubik's Cube. It is made up of 27 smaller cubes. There are 3 layers with 9 cubes in each layer.

- How many smaller cubes can you see in the picture?
- How many smaller cubes are hidden?



### Record!

A man named Toby Mao solved the Rubik's Cube in 10.48 seconds. That is a world record!